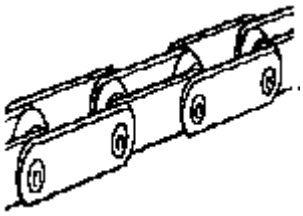
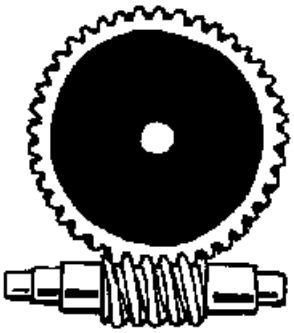
Syntholube G ... EP





Synthetic Gear Oil

MOLYDUVAL Syntholube G... EP is a synthetic industrial gear and chain fluids with excellent high temperature stability and excellent wear protections. It meets and exceeds specifications which are usually demanded by gear manufacturers of modern industrial gears of all kind.

Available is MOLYDUVAL Syntholube G ... EP in different viscosity classes.

PROPERTIES

- antiwear characteristics
- good wear and scuffing behaviour
- very low friction coefficient, especially with steel/phosphorous bronze contacts
- high temperature and high pressure characteristics
- best lubrication performance
- no residues at evaporation of synthetic base oil which begins at about 250ºC
- high oxidative and thermal stability
- very good viscosity temperature behaviour, high viscosity index
- not miscible with mineral oils

APPLICATIONS

- for gears and circulation systems in industry at high loads and unfavourable operating conditions.
- für calanders in plastic industry, paper indutry. Lifetime will be 3-5 times higher than mineral oils.
- as an heat transfer fluid in vulcanisation processing.
- for chain lubrication at extreme temperature chains (f.e. at pasteurisation plants, dry ovens, laquer ovens, baking ovens, textile industry)

Syntholube G ... EP

TECHNICAL DATAS	Specifications	Unit	Syntholube G 46 EP	Syntholube G 68 EP	Syntholube G 100 EP	Syntholube G 150 EP	Syntholube G 220 EP	Syntholube G 320 EP	Syntholube G 460 EP	Syntholube G 680 EP	Syntholube G 1000 EP
Name	DIN 51502		PGLP46	PGLP68	PGLP100	PGLP150	PGLP220	PGLP320	PGLP460	PGLP680	PGLP1000
Base Fluid			Synthetic	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic
Density, 20ºC	ISO 3675	kg/m³	990	990	1000	1040	1040	1040	1060	1060	1060
Viscosity class SAE				80			90		140		
Viscosity class ISO	DIN 51519	ISO-VG	46	68	100	150	220	320	460	680	1000
Viscosity, 40ºC	DIN 51562	mm²/s	46	70	100	150	220	320	460	680	1000
Viscosity, 100ºC	DIN 51562	mm²/s		13	14	19	27	58	47		
Viscosity Index	ISO 2909			140	144	147	154		159		
Pourpoint	ISO 3016	ºC	-45	-45	-42	-36	-33	-39	-30	-30	
Temperature range		ºC									
Color			brown	brown	brown	brown	brown	brown	brown	brown	brown
Flammpunkt	ISO 2592	ºC	230	230	220	220	220	240	240	240	240
Ash content	DIN EN 7	%	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Prüfläufe											
Foam	DIN 51566	ml	5/10/5 0/0/0	5/10/5 0/0/0	5/10/5 0/0/0	5/10/5 0/0/0	15/10/10 0/0/0	20/30/10 0/0/0	20/30/10 0/0/0	20/30/10 0/0/0	20/30/10 0/0/0
FZG Test A/8.3/90	DIN 51354		12	> 12	> 12	> 12	> 12	> 12	> 12	> 12	> 12